

# PATENT ABSTRACTS OF JAPAN

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## (54) BUTTON-TYPE AIR-ZINC BATTERY

### (57)Abstract:

PURPOSE: To extremely minimize the performance-deterioration of the captioned battery after preservation, together with complete prevention of evaporation of an electrolytic solution.

CONSTITUTION: A rolled aluminum thin film 11 in thickness of 9~15 $\mu$  is hermetically stuck to a polyester film in thickness of 50~70 $\mu$  to constitute a sealing member 3 which is excellent in a hermetically sealing property. A resin which can be formed by a well known resin film formation process will suffice for a resin film 12 to be hermetically stuck to one side surface of the aluminum thin film 11, and for this purpose, preferably resins are polyester, polyethylene, and polypropylene; and also other side surface of the aluminum thin film 11 is coated with rubber-system sticky adhesives 13 in thickness of 20~40 $\mu$ . Since both side surfaces of the aluminum thin film are completely coated with the resin film, the beautiful metallic luster can be semi-permanently maintained without being oxidized and decolored during preservation of the battery.

